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List of Publications by Year
in descending order

21 papers	1,337 citations	516710 16 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	1985 citing authors

#	Article	IF	Citations
1	Applications of bacterial cellulose as precursor of carbon and composites with metal oxide, metal sulfide and metal nanoparticles: A review of recent advances. Carbohydrate Polymers, 2017, 157, 447-467.	10.2	222
2	Bacterial Cellulose from Simple and Low Cost Production Media by Gluconacetobacter xylinus. Journal of Polymers and the Environment, 2013, 21, 545-554.	5.0	220
3	Synthesis and characterization of octenyl succinic anhydride modified starches for food applications. A review of recent literature. Food Hydrocolloids, 2018, 80, 97-110.	10.7	179
4	Simple citric acid-catalyzed surface esterification of cellulose nanocrystals. Carbohydrate Polymers, 2017, 157, 1358-1364.	10.2	91
5	Yarrowia lipolytica: a model yeast for citric acid production. FEMS Yeast Research, 2017, 17, .	2.3	85
6	Carboxymethyl cellulose with tailored degree of substitution obtained from bacterial cellulose. Food Hydrocolloids, 2018, 75, 147-156.	10.7	83
7	Patents involving nanocellulose: Analysis of their evolution since 2010. Carbohydrate Polymers, 2020, 237, 116039.	10.2	83
8	Surface esterification of cellulose nanofibers by a simple organocatalytic methodology. Carbohydrate Polymers, 2014, 114, 416-423.	10.2	75
9	UV Protective, Antioxidant, Antibacterial and Compostable Polylactic Acid Composites Containing Pristine and Chemically Modified Lignin Nanoparticles. Molecules, 2021, 26, 126.	3.8	51
10	Acetylation of bacterial cellulose catalyzed by citric acid: Use of reaction conditions for tailoring the esterification extent. Carbohydrate Polymers, 2016, 153, 686-695.	10.2	49
11	Analysis of a preferential action of Î±-amylase from B. licheniformis towards amorphous regions of waxy maize starch. Carbohydrate Polymers, 2014, 102, 80-87.	10.2	39
12	Organocatalytic acetylation of starch: Effect of reaction conditions on DS and characterisation of esterified granules. Food Chemistry, 2015, 170, 295-302.	8.2	38
13	Carboxymethylated bacterial cellulose: An environmentally friendly adsorbent for lead removal from water. Journal of Environmental Chemical Engineering, 2018, 6, 6844-6852.	6.7	22
14	Exploring the production of citric acid with Yarrowia lipolytica using corn wet milling products as alternative low-cost fermentation media. Biochemical Engineering Journal, 2020, 155, 107463.	3.6	19
15	Organocatalytic route for the synthesis of propionylated starch. Carbohydrate Polymers, 2016, 137, 198-206.	10.2	17
16	Nanocomposites Based on Poly(lactic acid) and Bacterial Cellulose Acetylated by an Î±-Hydroxyacid Catalyzed Route. Journal of Polymers and the Environment, 2019, 27, 510-520.	5.0	16
17	Production of bacterial cellulose tubes for biomedical applications: Analysis of the effect of fermentation time on selected properties. International Journal of Biological Macromolecules, 2021, 189, 1-10.	7.5	13
18	Production of Bacterial Nanocellulose From Non-Conventional Fermentation Media. , 2016, , 39-59.		11

#	Article	IF	Citations
19	Preparation and Characterization of Modified Starches Obtained in Acetic Anhydride/Tartaric Acid Medium. Starch/Staerke, 2020, 72, 1900300.	2.1	10
20	Development of Poly(lactic acid) Nanocomposites Reinforced with Hydrophobized Bacterial Cellulose. Journal of Polymers and the Environment, 2020, 28, 61-73.	5.0	7
21	Preparation of water insoluble carboxymethylated bacterial cellulose with maximum lead retention capacity. Journal of Polymer Research, 2021, 28, 1.	2.4	1